



## Load Bank Test Report

**Customer** PRTI

**Date:** 5/5/2023

1. Autostart Function  LOP  HWT  OS  Hz  
 2. Battery Voltage (running) \_\_\_\_\_

Job # / Location On-Site  
 Brand Cummins  
 Model 600GFLA  
 Serial M09G044501  
 Engine GTA50  
 KW 600  
 Voltage 480V

Hour reading at start	142.4									<b>Coolant</b>	<b>Ambient</b>		<b>Run</b>
<b>Time</b>	<b>Volts (A-B)</b>	<b>Volts (B - C)</b>	<b>Volts (C - A)</b>	<b>Amps (Phase A)</b>	<b>Amps (Phase B)</b>	<b>Amps (Phase C)</b>	<b>HZ</b>	<b>Oil PSI</b>	<b>Temp. F</b>	<b>Temp. F</b>	<b>kW</b>	<b>Hours</b>	
0 Min	0	480	480		0	0	59.9	66	160	91	0		
30 Min		480	480				59.9	92	176	91	377		
60 Min	612	480	480		612	612	59.9	84	180	91	520		
90 Min	612	480	480		612	612	59.9	84	181	91	520		
120 Min	612	480	480		612	612	59.9	84	181	91	520		
150 Min	612	480	480		612	612	59.9	84	181	91	520		
180 Min	612	480	480		612	612	59.9	84	181	91	520		
210 Min	612	480	480		612	612	59.9	84	181	91	520		
240 Min	612	480	480		612	612	59.9	84	181	91	520		
250 Min Cooldown	0	480	480		0	0	59.9	88	172	91	520		
Hour reading at end	146.8												

**Remarks:** Generator operated flawlessly, momentarily loaded to 628 kW and frequency never dropped below 59.9 Hz. System fully operational

- NOTES:**
- Formula to calculate resistive load : kW x 1000 / Volts = single ph amps  
 kW x 1000 / Volts / 1.73 = 3 ph amps
  - Generator was run under load for warm - up approx. 5 - 10 min.
  - Record all readings every 10 minutes

Technician S.S.  
 Customer/Witness P.R.